PTO/SB/05 (05-03)

MIT-046CUS Louis Nervegna

Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control

UTILITY	Attorney Docket No.	
PATENT APPLICATION	First Inventor	

HEBBIAN SYNAPSE CIRCUL Title ER476347706US

Express Mail Label No.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

TRANSMITTAL

-	APPLICATION ELEMENTS upter 600 concerning utility patent application contents.	ADDRESS TO: Mail Stop	ioner for Patents Patent Application 1450 a VA 22313-1450		
1. X Fee Trans (Submit and Applicant See 37 C Specification of a comparation of a comparati	asmittal Form (e.g., PTO/SB/17) In original and a duplicate for fee processing) It claims small entity status. IFR 1.27. Ition [Total Pages 58] I arrangement set forth below) Ive title of the invention In eference to Related Applications Int Regarding Fed sponsored R & D Interprogram listing a table, Inputer program listing appendix Interprogram of the Invention Interprogram of the Invention Interprogram of the Drawings (If filed) Interprogram of the Disclosure In	7. CD-ROM or CD-R in duplicomputer Program (Appe 8. Nucleotide and/or Amino Acid (if applicable, all necessary) a. Computer Reader Form 1. CD-ROM or CD-ROM	icate, large table or ndix) Sequence Submission orm (CRF) Ince Listing on: D-R (2 copies); or Ince Listing on: D-R (2 copies); or Ince Listing on: Ince List		
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:					
Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/611,137 Prior application information: Examiner Wilbert L. Starks Art Unit: 2121 For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
19. CORRESPONDENCE ADDRESS					
Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) OR Correspondence address below					
	Cermit Robinson				
	Paly, Crowley & Mofford, LLP 75 Turnpike Street, Suite 101				
	Canton	State MA	Zip Code 02021-2354		
Country U	JSA T	elephone 781.401.9988 ext. 24			
Name (Print/Type)	Kermit Robinson	Registration No. (Attorney/Agent)	48.734		
Signature	Them Byloon		Date January 5, 2004		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

FEE	TR	AN	SMI	TT	AL
	for	FY	200	4	

425

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known			
Application Number	Not Yet Assigned		
Filing Date	Herewith		
First Named Inventor	Louis Nervegna		
Examiner Name	Not Yet Assigned		
Art Unit	Not Yet Assigned		
Attorney Docket No.	MIT-046CUS		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None 3. ADDITIONAL FEES						
Deposit Account:	<u>Large</u>		Small		•	
Danceit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account Number	1051	130	2051		Surcharge - late filing fee or oath	reeralu
Deposit Account Daly, Crowley & Mofford, LLP	1052	50	2052	25	Surcharge - late provisional filing fee or	
Name	1053	130	1053	130	cover sheet Non-English specification	
The Director is authorized to: (check all that apply)	i	2,520	1812		For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to	
	l				Examiner action	-
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Pee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
4004 770 2004 205 Hillies 6line for	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee 385	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 385	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665	Petition to revive - unintentional	
Fee from	1501	-	2501		Utility issue fee (or reissue)	
20 Extra Claims below Fee Paid Total Claims 20 -20** = 0 X 9 = 0		480	2502		Design issue fee	
Independent 20 Communication C	1503	640	2503		Plant issue fee	ļ
Claims Multiple Dependent	1460	130	1460		Petitions to the Commissioner	
Large Entity Small Entity	1807	50	1807		Processing fee under 37 CFR 1.17(q)	<u> </u>
Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$)	8021	40	8021	1 40	Recording each patent assignment per property (times number of properties)	40
1 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims	1010	.,,	2010	, 303	examined (37 CFR 1.129(b))	
over original patent	1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)						
SUBTOTAL (2) I(3) V II Y			ee Paid SUBTOTAL (3) (\$)	40		

SUBMITTED BY (Complete (if applicable)) Registration No. 48,734 Telephone 781.401.9988 ext. 24 Name (Print/Type) Kermit Robinson (Attomey/Agent) Date 1/5/04 Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.